

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army, Navy

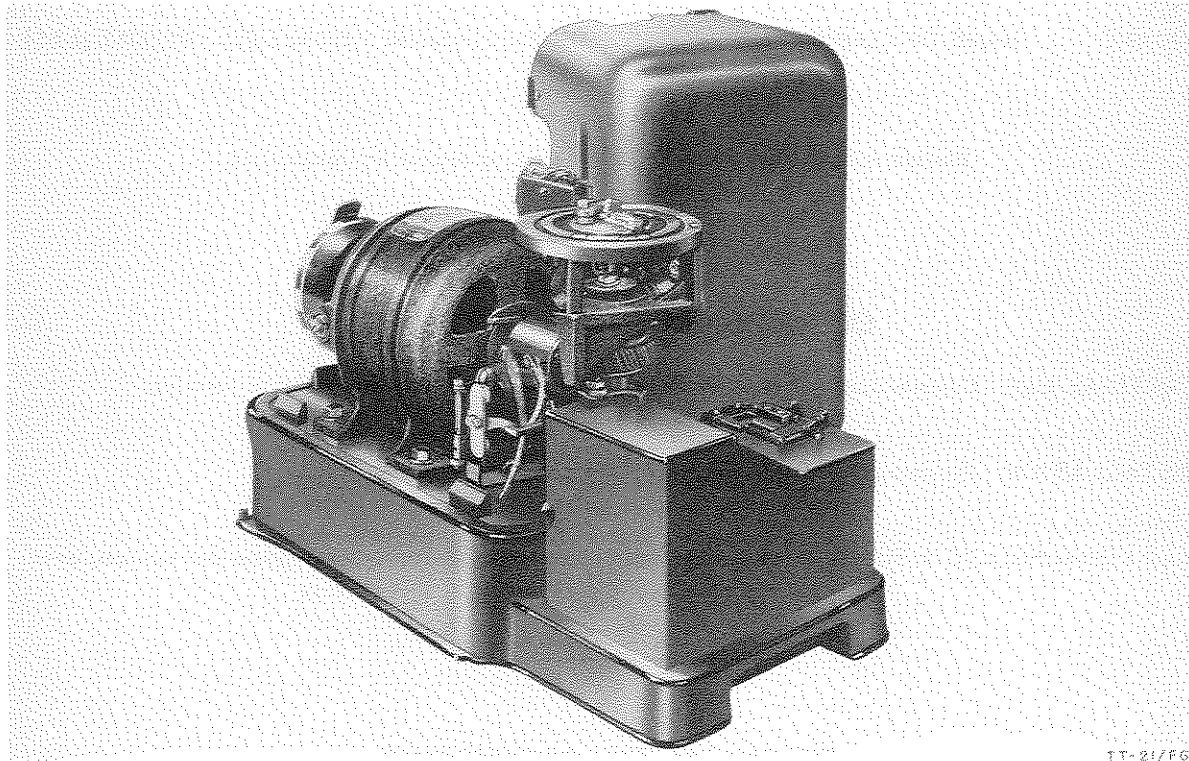
DATE OF THIS SHEET: 12 Feb 52

AN/FGC-TYPE

AN/COMP TYPE NUMBER:

TT-21/FG

TRANSMITTER-DISTRIBUTOR



TT-21/FG

Transmitter-Distributor TT-21/FG is an automatic teletypewriter transmitting equipment. It is used where necessary to insure privacy of teletypewriter communication in large communications centers in the communications zone of a theater of operations or in the zone of interior.

This equipment is a single-channel, motor-driven unit consisting of tape-sensing, tape-feeding, and transmitting mechanisms and a motor inclosed within a metal housing. Includes a special start magnet, power and line cords, and end-of-line stop mechanism.

Operates from 115 v, 25/60 cyc ac.

AN/FGC-TYPE		INSTRUCTION LITERATURE: TM 11-2222
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TT-21/FG	:AN/COMP TYPE NUMBER	USING SERVICE : Army, Navy
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
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(Equipment consists only of a single major operating component.)

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Communications zone of theater of operations or in the zone of interior.

INSTALLATION: Permanent or semipermanent fixed plant installations.

CAN COMMUNICATE WITH: Terminal or station apparatus in a privacy teletypewriter system, over specially provided secure connecting facilities.

TECHNICAL CHARACTERISTICS

OPERATING FUNCTIONS: Transmits five-unit, start-stop teletypewriter code impulses from a perforated tape through electromechanical operation.

OPERATING SPEED: 368.1 opm.

MOTOR CHARACTERISTICS: A-c series-governed motor; tuning fork 87.6 vps; 2,100 rpm.

POWER REQUIREMENTS: 115 v, 25/60 cyc ac.

PHYSICAL CHARACTERISTICS

Transmitter-Distributor TT-21/FG measures 15-1/2 x 8-3/4 x 9 inches, net weight 35 pounds, volume 1.5 cu ft. Packed for domestic shipment: total weight 70 pounds, total volume 5 cu ft. Packed for export shipment: total weight 107 pounds, total volume 5.2 cu ft.